



PATENT
ATTORNEY DOCKET NO.: 047991-5019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Tomoyoshi YAMASHITA, et al.) Confirmation No.: 6861
Application No.: 10/538,008) Art Unit: 2885
Filing Date: June 3, 2005) Examiner: R. May
For: LIGHT DEFLECTOR AND LIGHT) Mail Stop Amendment
SOURCE DEVICE)

The Commissioner for Patents
U.S. Patent and Trademark Office
Mail Stop Amendment
Alexandria, VA 22314

SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

Sir:

Filed herewith are sixteen (16) replacement sheets of formal patent drawings containing twenty-five (25) figures. It is requested that these drawings be approved and made part of the official record in the above-identified patent application.

Attached Submission of Replacement Drawings Sheets including all of FIGs. 1-25 replaces the previously-filed drawing sheets. In these Replacement Drawing Sheets, FIG. 2 has been amended and FIGs. 21-25 have been newly added in response to the Examiner's comments set forth in the Office Action dated March 4, 2008. It is respectfully submitted that the changes to FIG. 2 and new FIGs. 22-25 introduce no new matter.

Specifically, Fig. 2 has been amended to depict the virtual plane (Q), virtual straight line (V), maximum distance (d), vertex (VER), bottom (BOT), trough section (TRO) and length (L2), thereby showing a ratio (d/P) of a maximum distance (d) from the non-single planar surface to a

virtual plane connecting a vertex and a bottom of each of the elongated prisms to each other relative to a pitch (P) of the elongated prisms is 0.4 to 5% as required by claim 12, and a pitch P of the elongated prisms and a length L2 of a virtual straight line connecting a vertex and a trough section of each of the elongated prisms to each other in a cross section thereof as to the second prism face of each of the elongated prisms shows a relationship of $L2/P=1.1$ to 1.7, as required by claim 19.

Fig. 21 has been added to show “a profile formed by connecting in order the adjacent two of sixteen (16) points (p1-p16) of point 1 ((-0.111, 1.27), point 2 (0.0, 0.0), point 3 (0.15, 0.195), point 4 (0.212, 0.260), point 5 (0.265, 0.328), point 6 (0.319, 0.398), point 7 (0.372, 0.470), point 8 (0.425, 0.544), point 9 (0.478, 0.621), point 10 (0.531, 0.699), point 11 (0.584, 0.780), point 12 (0.637, 0.861), point 13 (0.690, 0.945), point 14 (0.743, 1.030), point 15 (0.796, 1.117) and point 16 (0.889, 1.27) or their neighborhood points to each other” as required by claim 13, and “the profile formed with use of the neighborhood points located within a circle (CIR) of a radius of 0.021 centered at corresponding points as to at least five points of the sixteen (16) points (p1-p16)” as required by claim 14.

Fig. 22 has been added to show a profile formed by connecting in order the adjacent two of thirteen (13) points (p1-p13) of point 1 (0.206, 1.168), point 2 (0.000, 0.000), point 3 (0.159, 0.204), point 4 (0.212, 0.273), point 5 (0.265, 0.343), point 6 (0.319, 0.416), point 7 (0.372, 0.490), point 8 (0.425, 0.567), point 9 (0.478, 0.646), point 10 (0.531, 0.727), point 11 (0.584, 0.810), point 12 (0.637, 0.897) and point 13 (0.794, 1.168) or their neighborhood points to each other, as required by claim 15, and the profile formed with use of the neighborhood

points located within a circle (CIR) of a radius of 0.021 centered at corresponding points as to at least five points of the thirteen (13) points (p1-p13), as required by claim 16.

Fig. 23 has been added to show a profile formed by connecting in order the adjacent two of twelve (12) points (p1-p12) of point 1 (0.284, 1,059), point 2 (0.000, 0.000), point 3 (0.212, 0.278), point 4 (0.265, 0.350), point 5 (0.319, 0.423), point 6 (0,372,0.501), point 7 (0.425,0.581), point 8 (0.478,0.663), point 9 (0.531,0.748), point 10 (0.584, 0.834), point 11 (0.637,0.922) and point 12 (0.716, 1.059) or their neighborhood points to each other, as required by claim 17, and the profile formed with use of the neighborhood points located within a circle (CIR) of a radius of 0.021 centered at corresponding points located within a circle (CIR) of a radius of 0.021 centered at corresponding points as to at least five points of the twelve (12) points (p1-p12), as required by claim 18.

Fig. 24 has been added to show an edge line (EL) formed by the two prism faces (44,45) of each of the elongated prisms is undulated by 0.018 to 0.354 relative to its base line (BL), as required by claim 21.

Fig 25 has been added to show the two prisms faces (44,45) of each of the elongate prisms are undulated by 0.012 to 0.334 relative to their respective base planes (BP1, BP2), as required by claim 22.

Moreover, as to the drawing objections under 37 CFR 1.83(a), the “non-single planar surface has both one or more planar surfaces and one or more convex curved surfaces,” as required by claim 7, is shown in Fig. 17, wherein the second prism face 45 is divided into four areas including two planar surfaces 49, 50 and two convex curved surfaces 51, 52 as described in the description on page 26, line 6-19.

If there any fees due in connection with the filing of these drawings, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

By: 

Xiaobin You
Reg. No. 62,510

Date: July 3, 2008

Customer No. 009629

MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004
Tel: 202.739.300
Fax: 202.739.3001